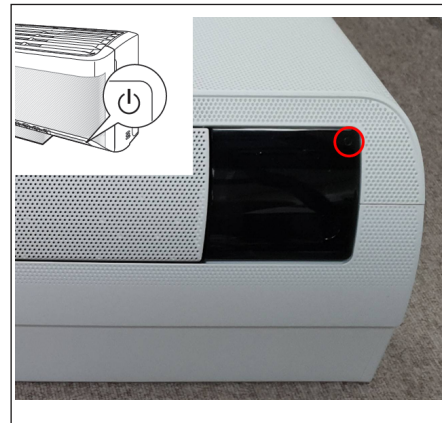


3. Alignment and Adjustments

3-1 Test Mode

◆ How to Approach Test Mode

You can approach the test mode by pressing the on/off switch of indoor unit for 5 seconds.



◆ Test mode operation option

After installing the air conditioner, check whether each subordinate is normally operated or not by operating the test mode.

- When an Error occurs, display the Error Mode.
- Operation Mode : Cool mode. operate the cool mode by operating the compressor by force without the compressor ON/OFF according to the set temperature/indoor temperature. (Do not follow the antifreeze control)
- Up-down louver : Up-down swing mode
- Indoor Fan : Turbo



Note

- Because the heat mode operate the cool mode by force not related to the set temperature / indoor temperature, check whether each subordinate is operated normally or not after completing installation and must turn off the power of the air conditioner.

3-2 Display Error and Check Method

3-2-1 Indoor Display Error and Check Method

ERROR MODE	TYPE	DESCRIPTION
7-SEG	INDOOR/ OUTDOOR	
E101 , E102	INDOOR	Communication error
E108		Set address error
E121		Room TH sensor error
E122, E123		INDOOR MID, INDOOR IN EVA-TH sensor error
E140		Dust sensor error
E142		Humidity error
E143		Motion sensor error
E154		Fan error(indoor)
E161		Mixed operation error
E163		Option error
E187		K1 filter feed back error

Note

If the set doesn't work (No power), check the thermal fuse of terminal block OPEN or SHORT with Multimeter.

* Measure the thermal fuse housing PIN#1~2 : OPEN(disconnection)-> defective product

3-2 Display Error and Check Method

3-2-2 Outdoor Display Error and Check Method

ERROR MODE				DESCRIPTION
7-SEG	YEL	GRN	RED	
-	○	○	○	Power off /VDD NG
-	●	●	●	Power on reset (1sec)
-	○	◐	●	Normal operation
-	○	○	●	Abnormal communication (Indoor <-> Outdoor)
-	○	●	●	
E464	○	○	◐	IPM over current (O.C) error
E461	○	◐	○	Comp. strating error
E470	○	●	○	EEPROM data error (no data)
E466	○	●	◐	DC-Link voltage under / Over error
E484				PFC over load error
E483				Over voltage protection error
E221	◐	○	◐	OUT-TH (Outdoor temperature) sensor error
E416	◐	○	●	DIS-TH (Discharge temperature) Over error
E251	◐	◐	○	DIS-TH (Discharge temperature) sensor error
E468	◐	◐	●	Current sensor error
E474				Heatsink sensor error
E485				Input current sensor error
E465	◐	●	○	Comp. V_limit/ I_limit error
E500				Heatsinkover temperature error
E231	◐	●	◐	CON-TH (Cond temperature) sensor error
E203	◐	●	●	Time out Comp. (Inv Micom <-> Main Micom)
E458	●	○	○	Fan error
E471	●	○	◐	EEPROM data error (Main Micom <-> INV Micom)
E467	●	○	●	Comp. wire missing error
E440	●	◐	○	Prohibit operation condition error (Heating)
E441				Prohibit operation condition error (Cooling)
E469	●	◐	◐	DC-Link voltage sensor
E488				AC Input voltage sensor
E462	●	◐	●	AC Input I_limit trip error
E554	●	●	○	Gas leak error
E574				Gas shortage error
E422	◐	○	●	EEV or valve close error-self diagnosis
-	○	◐	◐	Test operation at Cooling mode
-	◐	◐	◐	Test operation at Heating mode

● : LAMP ON

○ : LAMP OFF

◐ : LAMP BLINK

3-3 Setting Option Setup Method

Ex) Option No. :

11-F4-50-6A-6A-01-E0-07-F7-C4

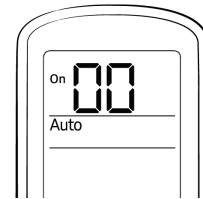
Step 1

Enter the Option Setup mode.

1. Tack out the batteries of remote control.

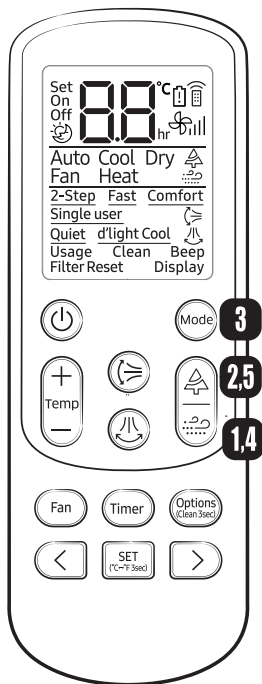
2. Press the temperature  button simultaneously and insert the battery again.

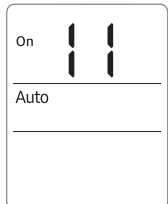
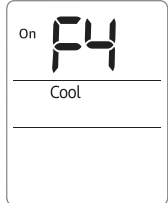
3. Make sure the remote control display shown as

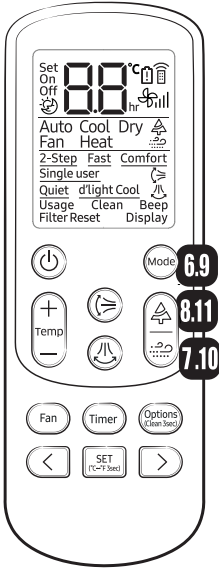
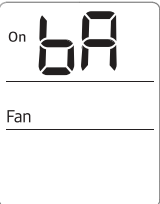
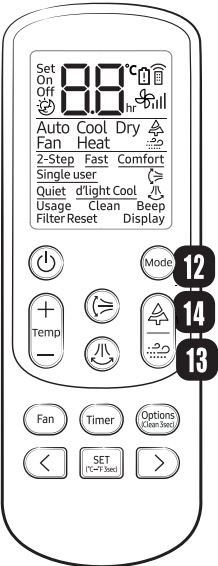
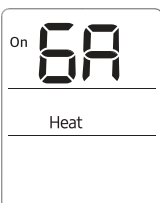


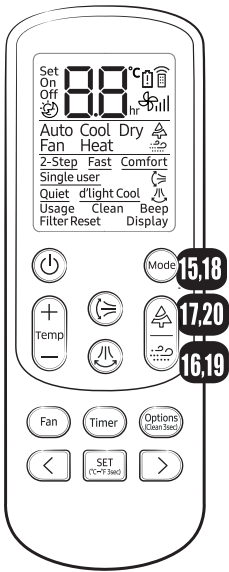
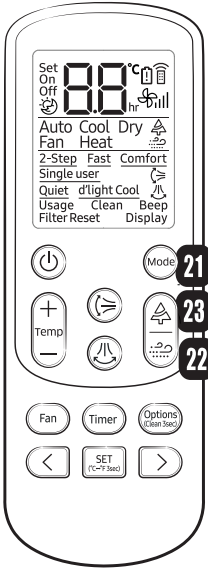
Step 2

Enter the Options Setup mode and select your options asscording to the following procedure.

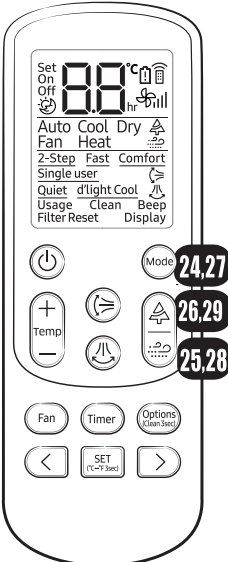


Method	Display
1 Setting option SEG1 Press the  button the display panel to 1. Press the  button repeatedly to select . 0 → 1 → 2 → 3 → ... 9 → A → b → c → d → E → F	
2 Setting option SEG2 Press the  button the display panel to 1. Press the  button repeatedly to select . 0 → 1 → 2 → 3 → ... 9 → A → b → c → d → E → F	
3 Press the  button to set Cool mode.	
4 Setting option SEG3 Press the  button the display panel to F. Press the  button repeatedly to select . 0 → 1 → 2 → 3 → ... 9 → A → b → c → d → E → F	
5 Setting option SEG4 Press the  button the display panel to 4. Press the  button repeatedly to select . 0 → 1 → 2 → 3 → ... 9 → A → b → c → d → E → F	

	Method	Display
	6 Press the  button to set Dry mode.	
	7 Setting option SEG5 Press the  button the display panel to 5. Press the  button repeatedly to select . 0 → 1 → 2 → 3 → ... 9 → A → b → c → d → E → F	
	8 Setting option SEG6 Press the  button the display panel to 0. Press the  button repeatedly to select . 0 → 1 → 2 → 3 → ... 9 → A → b → c → d → E → F	
	9 Press the  button to set Fan mode.	
	10 Setting option SEG7 Press the  button the display panel to b. Press the  button repeatedly to select . 0 → 1 → 2 → 3 → ... 9 → A → b → c → d → E → F	
	11 Setting option SEG8 Press the  button the display panel to A. Press the  button repeatedly to select . 0 → 1 → 2 → 3 → ... 9 → A → b → c → d → E → F	
	12 Press the  button to set Heat mode.	
	13 Setting option SEG9 Press the  button the display panel to 5. Press the  button repeatedly to select . 0 → 1 → 2 → 3 → ... 9 → A → b → c → d → E → F	
	14 Setting option SEG10 Press the  button the display panel to A. Press the  button repeatedly to select . 0 → 1 → 2 → 3 → ... 9 → A → b → c → d → E → F	

	Method	Display
	15 Press the  button to set Auto mode.	Off 01 Auto
	16 Setting option SEG11 Press the  button the display panel to 0. Press the  button repeatedly to select . 0 → 1 → 2 → 3 → ... 9 → A → b → c → d → E → F	
	17 Setting option SEG12 Press the  button the display panel to 1. Press the  button repeatedly to select . 0 → 1 → 2 → 3 → ... 9 → A → b → c → d → E → F	
	18 Press the  button to set Cool mode.	Off E0 Cool
	19 Setting option SEG13 Press the  button the display panel to E. Press the  button repeatedly to select . 0 → 1 → 2 → 3 → ... 9 → A → b → c → d → E → F	
	20 Setting option SEG14 Press the  button the display panel to 0. Press the  button repeatedly to select . 0 → 1 → 2 → 3 → ... 9 → A → b → c → d → E → F	
	21 Press the  button to set Dry mode.	Off 07 Dry
	22 Setting option SEG15 Press the  button the display panel to 0. Press the  button repeatedly to select . 0 → 1 → 2 → 3 → ... 9 → A → b → c → d → E → F	
	23 Setting option SEG16 Press the  button the display panel to 1. Press the  button repeatedly to select . 0 → 1 → 2 → 3 → ... 9 → A → b → c → d → E → F	

설정방법	표시부
24 Press the  button to set Fan mode.	
25 Setting option SEG17 Press the  button the display panel to F. Press the  button repeatedly to select . 0 → 1 → 2 → 3 → ... 9 → A → b → c → d → E → F	
26 Setting option SEG18 Press the  button the display panel to 7. Press the  button repeatedly to select . 0 → 1 → 2 → 3 → ... 9 → A → b → c → d → E → F	
27 Press the  button to set Heat mode.	
28 Setting option SEG19 Press the  button the display panel to c. Press the  button repeatedly to select . 0 → 1 → 2 → 3 → ... 9 → A → b → c → d → E → F	
29 Setting option SEG20 Press the  button the display panel to 4. Press the  button repeatedly to select . 0 → 1 → 2 → 3 → ... 9 → A → b → c → d → E → F	

Method		Display
	24 Press the  button to set Fan mode.	Off F7 Fan
	25 Setting option SEG17 Press the  button the displaypanel to F. Press the  button repeatedly to select . 0 → 1 → 2 → 3 → ... 9 → A → b → c → d → E → F	
	26 Setting option SEG18 Press the  button the display panel to 7. Press the  button repeatedly to select . 0 → 1 → 2 → 3 → ... 9 → A → b → c → d → E → F	
	27 Press the  button to set Heat mode.	Off C4 Heat
	28 Setting option SEG19 Press the  button the displaypanel to C. Press the  button repeatedly to select . 0 → 1 → 2 → 3 → ... 9 → A → b → c → d → E → F	
	29 Setting option SEG20 Press the  button the displaypanel to 4. Press the  button repeatedly to select . 0 → 1 → 2 → 3 → ... 9 → A → b → c → d → E → F	

Option code :

Model	Option code	
	General	Install
AR09TXCAAWKNEU	011A05-19C0F7-271920-371604	020002-100000-200101-300346
AR12TXCAAWK/EU	011A05-17C217-272328-371604	020002-100000-200101-300346